Mountain Weather Forecast

Lake District National Park

Forecast valid from 06:00 on Monday 09 Dec 2024 until 23:59 on Tuesday 10 Dec 2024

Forecast Issued on Monday 09 Dec 2024 at 02:51

Confidence: High for a transition to much more settled conditions as high pressure builds over the UK. Lower confidence regarding day-to-day cloud amounts and valley fog.

Headline for Monday 09 Dec 2024: Very cold and windy on the tops. Mainly dry and bright.

Mountain weather hazards on Monday 09 Dec 2024

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales Medium Likelihood	**Severe chill effect** High Likelihood	**Poor visibility** No Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 800m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Cloudy	Sunny intervals	Sunny intervals	Partly cloudy (night)	Partly cloudy (night)
Precipitation probability					
20%	10%	<05%	<05%	<05%	<05%

Forecast for Monday 09 Dec 2024

Weather: Mainly cloudy to start this morning with a few light showers in the east, wintry above 700m. Any showers will die out during the morning then dry with lengthening sunny or clear spells through the afternoon and evening.

Chance of cloud-free hill tops above 800m: 60% this morning becoming 90% in afternoon.

Low cloud and visibility: Generally very good visibility. Patchy cloud above 600m this morning, clearing in the afternoon.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Mountain Weather Forecast

Forecast for Monday 09 Dec 2024

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	44/51 NE	41/47 NE	35/42 NE	33/41 NE	32/39 NE	27/33 NE	19/24 NE
600	31/38 NE	27/34 NE	24/32 NE	25/35 NE	24/33 NE	22/31 NE	13/19 NE
300	9/32 NE	6/25 NE	8/25 NE	8/26 NE	8/26 NE	6/21 NE	3/15 N
Valley	7/28 NE	8/27 N	11/27 NE	10/26 NE	12/28 NE	11/25 NE	8/19 NE

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	1/-8	0/-9	0/-8	0/-8	-0/-8	-1/-8	-1/-8
600	3/-5	2/-5	2/-4	2/-4	2/-5	1/-6	0/-5
300	5/2	4/2	5/2	5/2	4/0	3/0	2/0
Valley	6/4	6/3	8/5	7/4	6/2	5/1	4/2
Freezing Level*	900m	800m	900m	800m	800m	700m	600m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Very gusty winds on the tops and on some lee slopes, reaching 50mph at times with balance likely to be affected and progress impeded. Severe wind chill.

Forecast for Tuesday 10 Dec 2024

Weather: Dry with clear or sunny spells, best of these in the west. Some cloud at times but higher summits remaining in sunshine above the cloud inversion.

Maximum wind: Northeast 15 to 20mph gusts 30mph decreasing 5 to 10mph.

Chance of cloud-free hill tops above 800m: 90%.

Low cloud and visibility: Mainly very good visibility. Isolated valley fog patches. Some areas of cloud on mid-slopes possible.

Temperature: **Valleys:** Minus 1C rising to 7C.
At 800m: 0C.
Freezing level: 700m.

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Mountain Weather Forecast

Ground Conditions Supplement

Date: Sunday 8 December 2024 Location: Helvellyn summit at 12:25 Full report:Winter conditions and high winds at summit level today. Helvellyn summit area saw persistent wind and freezing conditions throughout the day. The wind was gusting higher than was expected and this made for challenging conditions for walkers venturing out, there was a significant wind chill and an overnight freeze from about 750m upwards meant many rocky areas were rimed with ice and any lying water was frozen, this was all shrouded with a very light dusting of fresh snow. There was a small number of walkers attempting the summit by a variety of routes, full winter clothing was a must and it was great to see people being well prepared with micro spikes and ice axes. Whilst the light snow cover wouldn't make an ice axe a must, some were finding them reassuring whilst moving on the edges in slippery conditions and with the gusting winds. A single walking pole leaving one free hand to grab the rock features on the edges is also very helpful in these conditions and can be transferred between hands if the wrist loop is left off. Crampons are not yet essential, micro spikes still being the best choice for safe and fast travel over the iced terrain. With the freeze line remaining below summit level tomorrow, and the wind still approximately 35mph and remaining gusty expect similar conditions on Helvellyn and the surrounding high fells, some summits should hopefully see breaks in the cloud and low precipitation but as always, be prepared and equipped to navigate in poor visibility. Temperature: minus 0.4 C, Maximum wind speed 77.2 mph, Wind chill: minus 13.6C, Average wind speed: 32.8mph.

Issued at: 02:51 on Mon 09 Dec 2024

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